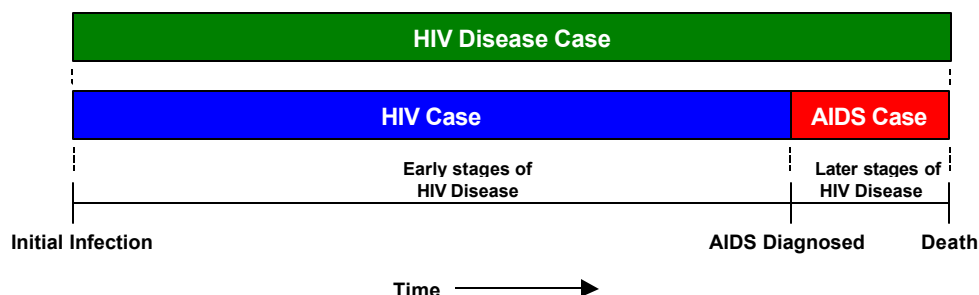


Missouri Department of Health
Office of Surveillance/Office of Epidemiology
HIV/STD Statistics

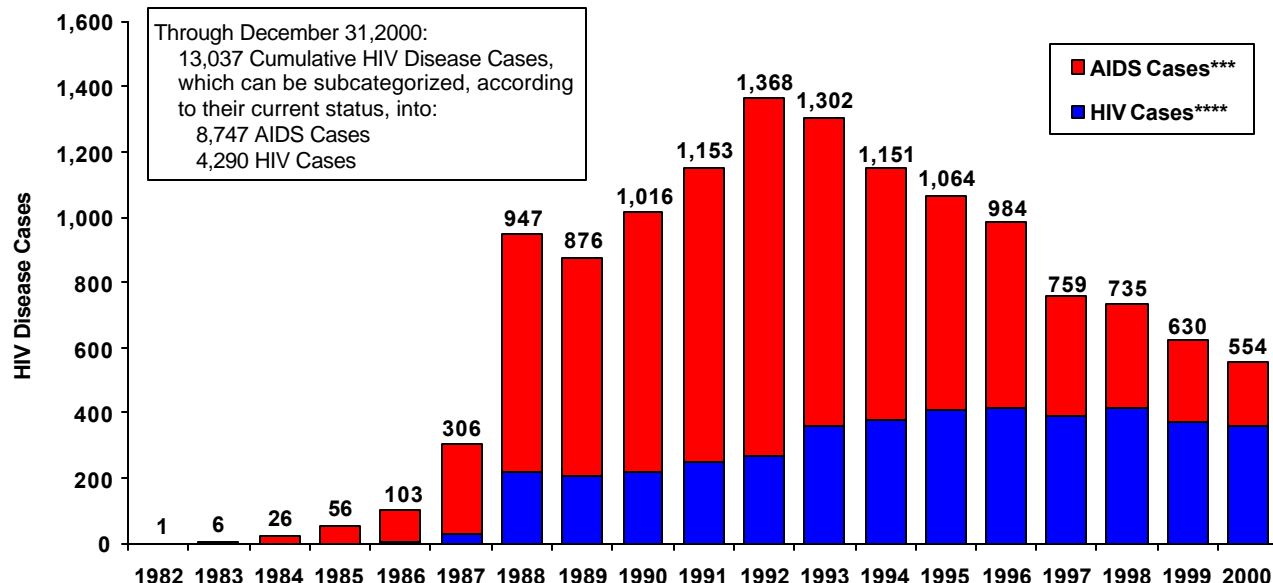
December 2000

Relationship of HIV Disease Cases, HIV Cases, and AIDS Cases



From the time a person is infected with human immunodeficiency virus (HIV) until death, he/she has **HIV Disease**. All persons with HIV Disease can be subclassified as either an **AIDS case** (if they are in the later stages of the disease process and have met the case definition for AIDS) or an **HIV case** (if they are in the earlier stages of the disease process and have not met the AIDS case definition).

Reported HIV Disease Cases by Current Status* and Year of Initial Report
Missouri, 1982-2000**



* HIV Case vs. AIDS Case

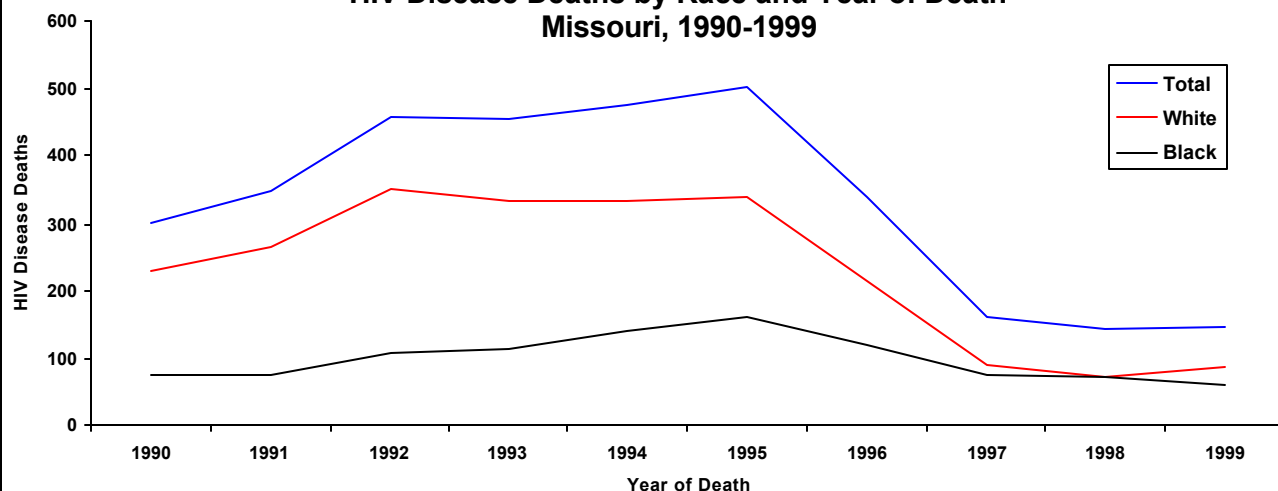
Year of Initial Report**

**Cases are indicated by year of their initial report to the Missouri Department of Health (i.e., by the year in which the first report of the person, whether as an HIV case or an AIDS case, was received by the department.)

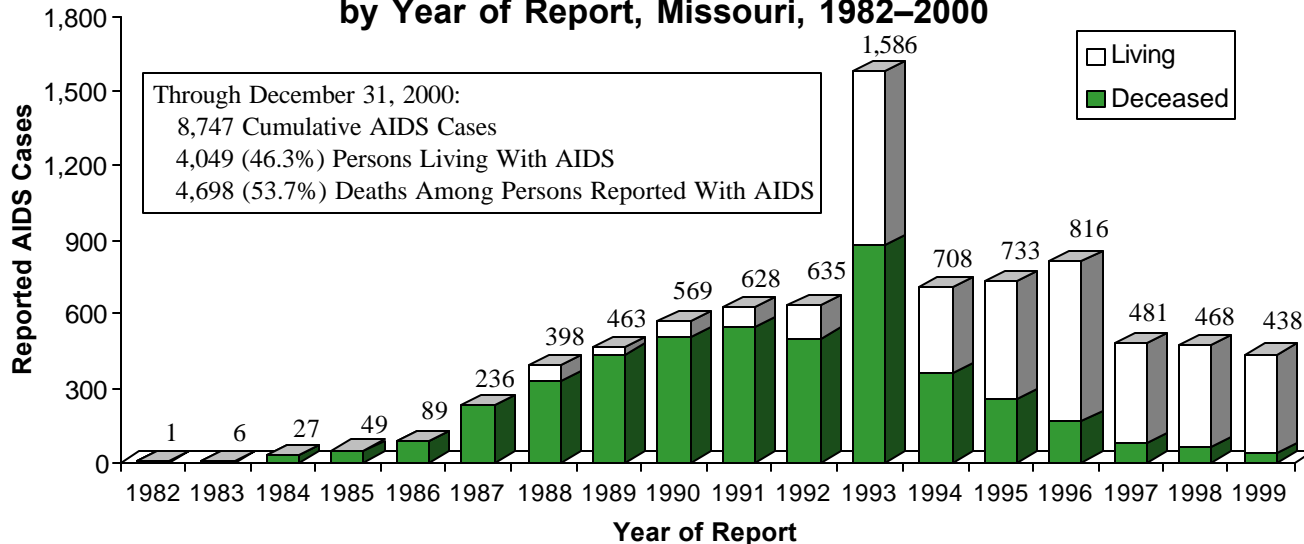
***These cases were either: 1) initially reported as HIV cases and then later reclassified as AIDS cases because they had subsequently come to meet the AIDS case definition; or 2) initially reported as an AIDS case.

****These cases were initially reported as HIV cases, and have subsequently remained HIV cases (i.e., they have not met the case definition for AIDS).

**HIV Disease Deaths by Race and Year of Death
Missouri, 1990-1999**



Persons Diagnosed With AIDS (Living and Deceased) by Year of Report, Missouri, 1982–2000



Reported HIV and AIDS Cases by Gender, Race/Ethnicity, and Age at Diagnosis, Missouri, 1982–2000

	HIV Cases*				AIDS Cases**				HIV/AIDS Cases	
	Reported 2000 Cases	%	Cumulative* Cases	%	Reported 2000 Cases	%	Cumulative Cases	%	Cumulative Cases	%
Gender										
Male	332	(80.8%)	3,474	(83.9%)	362	(82.6%)	7,581	(91.0%)	11,055	(88.7%)
Female	79	(19.2%)	665	(16.1%)	76	(17.4%)	750	(9.0%)	1,415	(11.3%)
Race/Ethnicity										
White	188	(45.7%)	2,228	(53.8%)	209	(47.7%)	5,553	(66.7%)	7,781	(62.4%)
Black	196	(47.7%)	1,760	(42.5%)	215	(49.1%)	2,563	(30.8%)	4,323	(34.7%)
Hispanic	11	(2.7%)	93	(2.2%)	11	(2.5%)	164	(2.0%)	257	(2.1%)
Asian/Pacific Islander	3	(0.7%)	15	(0.4%)	2	(0.5%)	19	(0.2%)	34	(0.3%)
American Indian	1	(0.2%)	11	(0.3%)	1	(0.2%)	31	(0.4%)	42	(0.3%)
Unknown	12	(2.9%)	32	(0.8%)	0	(0.0%)	1	(0.0%)	33	(0.3%)
Race/Ethnicity and Gender										
White Male	169	(41.1%)	1,972	(47.6%)	180	(41.1%)	5,217	(62.6%)	7,189	(57.7%)
Black Male	139	(33.8%)	1,368	(33.1%)	171	(39.0%)	2,167	(26.0%)	3,535	(28.3%)
Hispanic Male	9	(2.2%)	83	(2.0%)	8	(1.8%)	153	(1.8%)	236	(1.9%)
Asian/Pacific Islander Male	3	(0.7%)	11	(0.3%)	2	(0.5%)	16	(0.2%)	27	(2.2%)
American Indian Male	1	(0.2%)	10	(0.2%)	1	(0.2%)	28	(0.3%)	38	(0.3%)
Unknown Male	11	(2.7%)	30	(0.7%)	0	(0.0%)	0	(0.0%)	30	(0.2%)
White Female	19	(4.6%)	256	(6.2%)	29	(6.6%)	336	(4.0%)	592	(4.7%)
Black Female	57	(13.9%)	392	(9.5%)	44	(10.0%)	396	(4.8%)	788	(6.3%)
Hispanic Female	2	(0.5%)	10	(0.2%)	3	(0.7%)	11	(0.1%)	21	(0.2%)
Asian/Pacific Islander Female	0	(0.0%)	4	(0.1%)	0	(0.0%)	3	(0.0%)	7	(0.1%)
American Indian Female	0	(0.0%)	1	(0.0%)	0	(0.0%)	3	(0.0%)	4	(0.0%)
Unknown Female	1	(0.2%)	2	(0.0%)	0	(0.0%)	1	(0.0%)	3	(0.0%)
Age at Diagnosis[‡]										
<13	1	(0.2%)	40	(1.0%)	1	(0.2%)	54	(0.6%)	94	(0.8%)
13-19	24	(5.8%)	192	(4.6%)	6	(1.4%)	83	(1.0%)	275	(2.2%)
20-24	53	(12.9%)	658	(15.9%)	22	(5.0%)	508	(6.1%)	1,166	(9.4%)
25-29	66	(16.1%)	956	(23.1%)	53	(12.1%)	1,399	(16.8%)	2,355	(18.9%)
30-34	78	(19.0%)	940	(22.7%)	93	(21.2%)	2,104	(25.3%)	3,044	(24.4%)
35-39	79	(19.2%)	642	(15.5%)	99	(22.6%)	1,702	(20.4%)	2,344	(18.8%)
40-44	51	(12.4%)	366	(8.8%)	58	(13.2%)	1,117	(13.4%)	1,483	(11.9%)
45-49	34	(8.3%)	184	(4.4%)	50	(11.4%)	642	(7.7%)	826	(6.6%)
50+	25	(6.1%)	161	(3.9%)	56	(12.8%)	722	(8.7%)	883	(7.1%)
Missouri Total	411 (100.0%)		4,139 (100.0%)		438 (100.0%)		8,331 (100.0%)		12,470 (100.0%)	

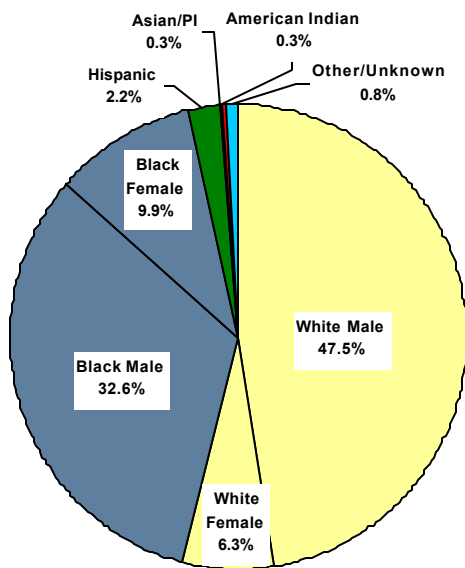
* HIV Cases—Persons with HIV infection who have not developed one of the specific diseases or conditions which would cause them to meet the case definition for AIDS.

** AIDS Cases—Persons with HIV infection who have developed one or more of the specific diseases or conditions which cause them to meet the AIDS case definition.

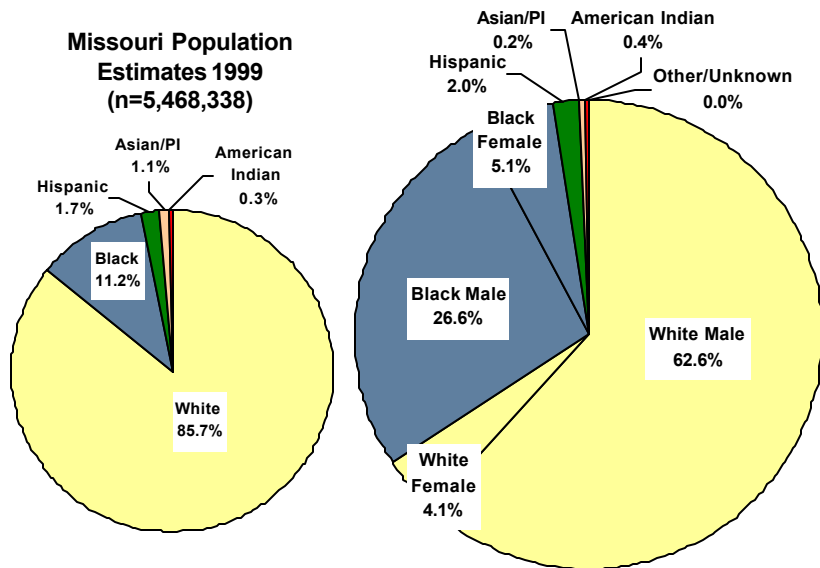
‡ For HIV Cases, Age at Diagnosis is the age at which the individual was first diagnosed with HIV infection.

For AIDS Cases, Age at Diagnosis is the age at which the individual was first diagnosed with AIDS.

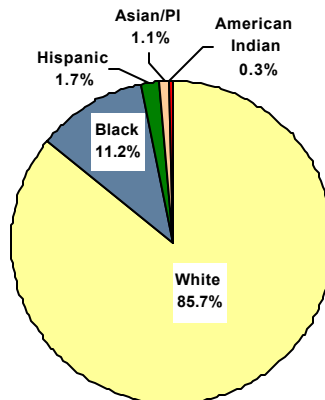
Reported HIV Cases by Race/Ethnicity and (for Whites and Blacks) Gender, Missouri, 1985–2000 (n=4,290)



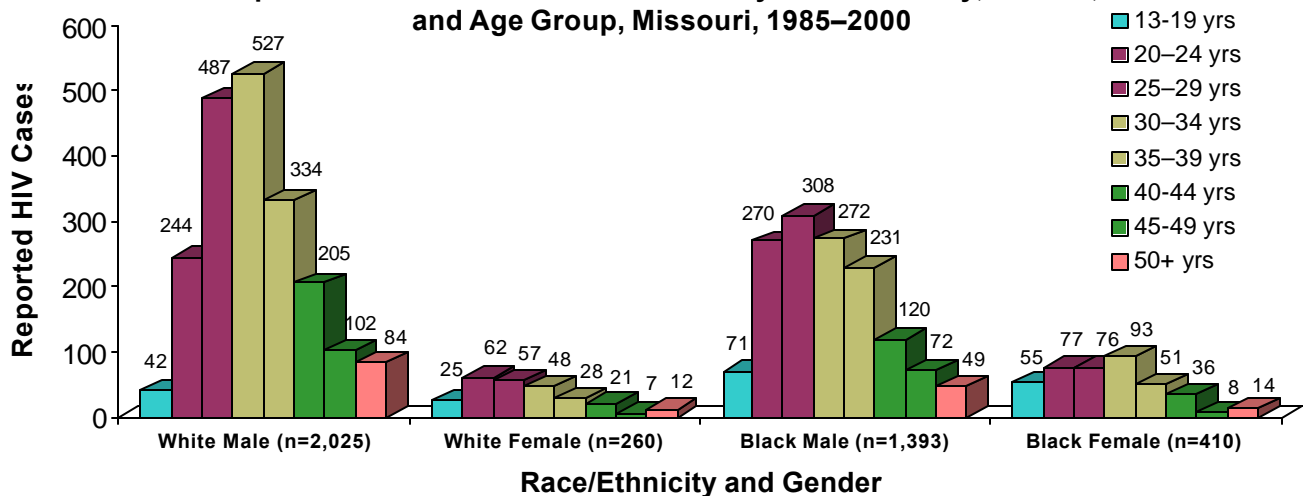
Reported AIDS Cases by Race/Ethnicity and (for Whites and Blacks) Gender, Missouri, 1982–2000 (n=8,747)



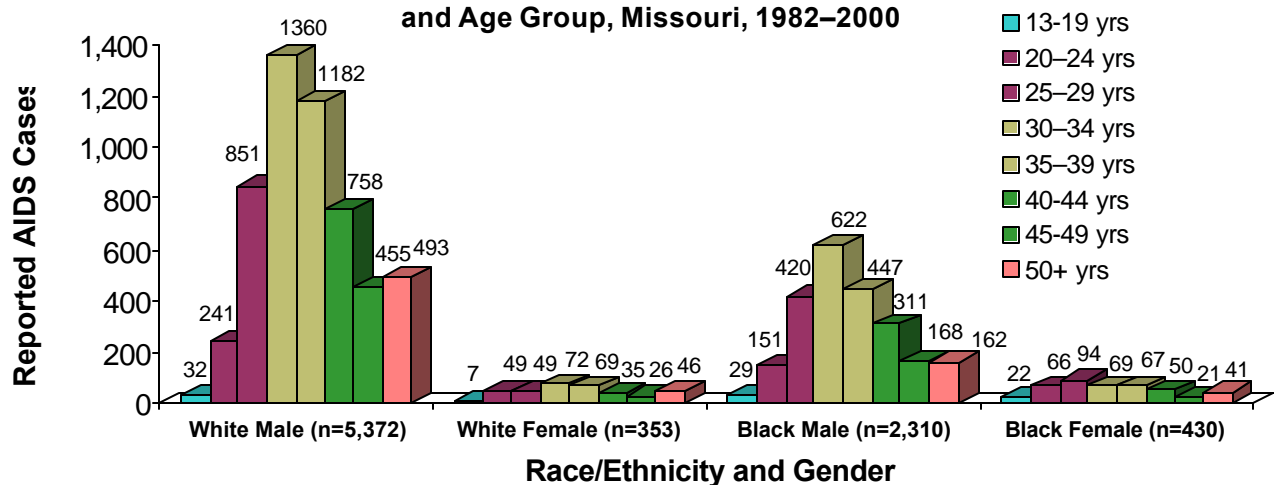
Missouri Population Estimates 1999 (n=5,468,338)



Reported Adult/Adolescent HIV Cases by Race/Ethnicity, Gender, and Age Group, Missouri, 1985–2000



Reported Adult/Adolescent AIDS Cases by Race/Ethnicity, Gender, and Age Group, Missouri, 1982–2000



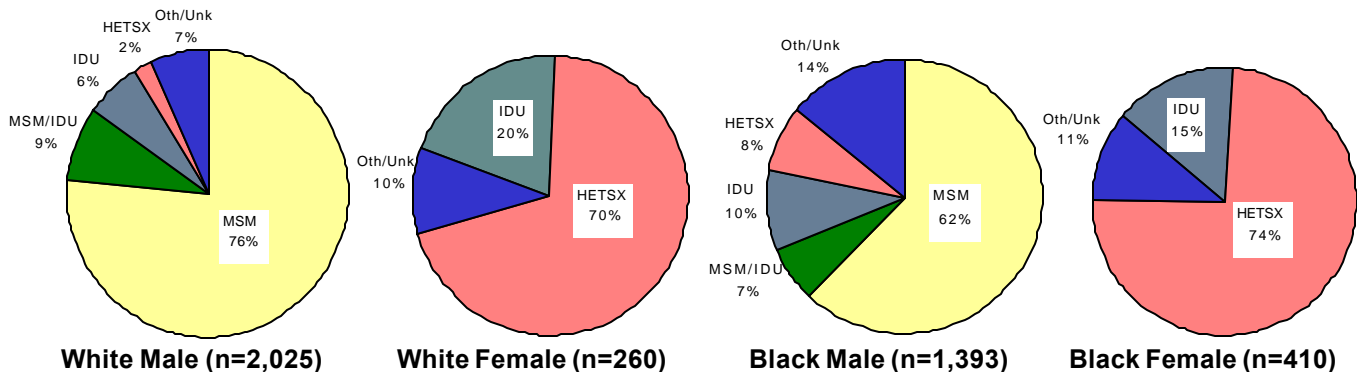
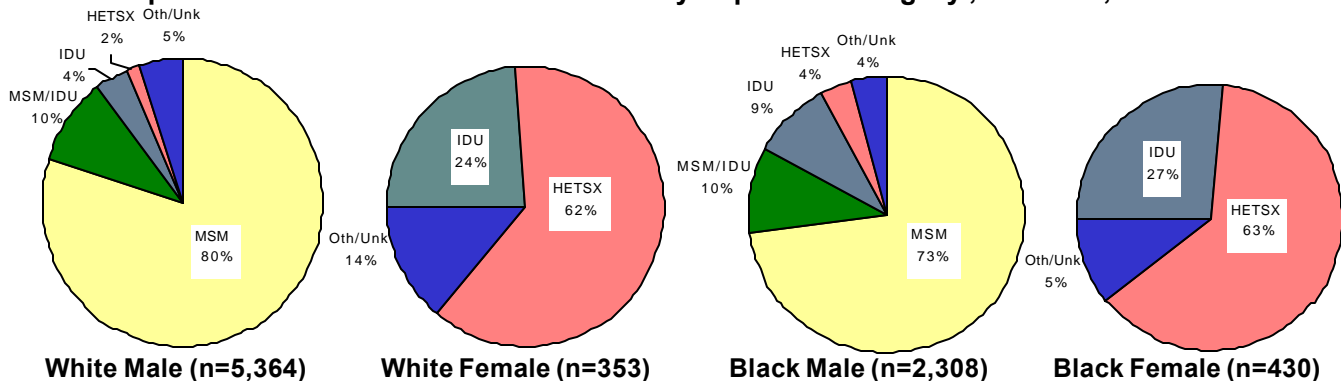
Reported HIV and AIDS Cases by Exposure Category, Missouri, 1982–2000

Exposure Category [†]	HIV Cases*				AIDS Cases**				HIV/AIDS Cases	
	Reported 2000		Cumulative		Reported 2000		Cumulative		Cumulative	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
MSM	116	(32.0%)	2,494	(58.1%)	199	(47.7%)	6,121	(70.0%)	8,615	(66.1%)
MSM/IDU	8	(2.2%)	270	(6.3%)	20	(4.8%)	771	(8.8%)	1,041	(8.0%)
IDU	14	(3.9%)	389	(9.1%)	32	(7.7%)	633	(7.2%)	1,022	(7.8%)
Heterosexual Contact	76	(20.9%)	660	(15.4%)	64	(15.3%)	674	(7.7%)	1,344	(10.2%)
Adult Hemophiliac	1	(0.3%)	29	(0.7%)	2	(0.5%)	145	(1.7%)	174	(1.3%)
Adult Transfusion	1	(0.3%)	13	(0.3%)	0	(0.0%)	98	(1.1%)	111	(0.9%)
Other/Unknown Adult	145	(39.9%)	392	(9.1%)	99	(23.7%)	240	(2.7%)	632	(4.8%)
Perinatal Transmission	2	(0.6%)	37	(0.9%)	0	(0.0%)	44	(0.5%)	81	(0.6%)
Other/Unknown Pediatric	0	(0.0%)	6	(0.1%)	1	(0.2%)	21	(0.2%)	27	(0.2%)
Missouri Total	363	(100.0%)	4,290	(100.0%)	417	(100.0%)	8,747	(100.0%)	13,037	(100.0%)

*HIV Cases-Persons with HIV infection who have not developed one of the specific diseases or conditions which would cause them to meet the case definition for AIDS.

**AIDS Cases-Persons with HIV infection who have developed one or more of the specific diseases or conditions which cause them to meet the AIDS case definition.

†MSM=men who have sex with men; MSM/IDU=men who have sex with men and inject drugs; IDU=injecting drug users

Reported Adult/Adolescent HIV Cases by Exposure Category[†], Missouri, 1985–2000Reported Adult/Adolescent AIDS Cases by Exposure Category[†], Missouri, 1982–2000

†MSM=men who have sex with men; MSM/IDU=men who have sex with men and inject drugs; IDU=injecting drug users; HETSX=heterosexual contact; Oth/Unk=Other/Unknown

Reported HIV and AIDS Cases by Area of Residence at Time of Diagnosis, Missouri, 1982–2000

Geographic Area	HIV Cases*				AIDS Cases**			
	Reported 2000		Cumulative		Reported 2000		Cumulative	
	Cases	%	Rate***	Cases	%	Rate***	Cases	%
Location								
St. Louis City [†]	99	(27.3%)	29.6	1,247	(29.1%)	37.7	2,434	(28.0%)
St. Louis County [†]	59	(16.3%)	5.9	557	(13.0%)	6.2	1,343	(15.4%)
Kansas City [†]	74	(20.4%)	16.9	1,082	(25.2%)	21.0	2,454	(28.1%)
Outstate [†]	105	(28.9%)	2.8	1,097	(25.6%)	3.5	2,264	(26.1%)
Missouri Correctional Facilities ^{††}	26	(7.2%)	--	307	(7.2%)	--	208	(2.4%)
Missouri Total	363	(100.0%)	6.6	4,290	(100.0%)	7.6	8,747	(100.0%)

*HIV Cases-Persons with HIV infection who have not developed one of the specific diseases or conditions which would cause them to meet the case definition for AIDS.

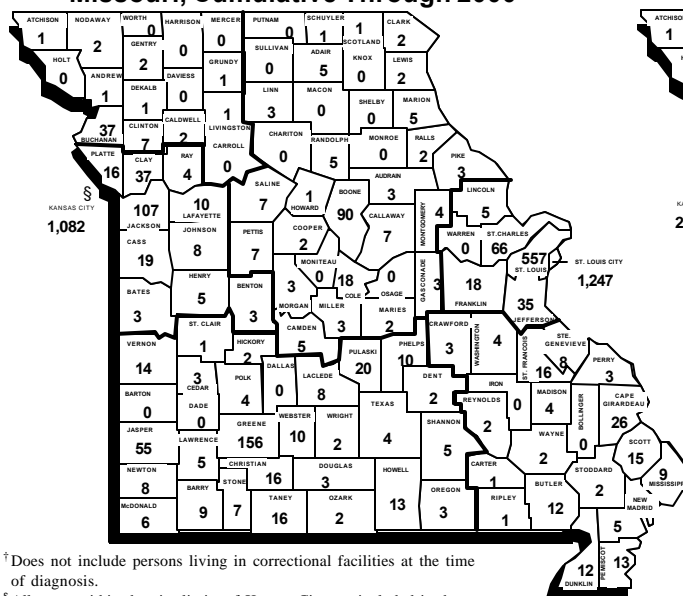
**AIDS Cases-Persons with HIV infection who have developed one or more of the specific diseases or conditions which cause them to meet the AIDS case definition.

***Per 100,000 population, based on 1999 population estimates.

†Does not include persons living in correctional facilities at the time of diagnosis. These persons are included in the "Missouri Correctional Facilities" category.

††Includes state, county and local correctional facilities.

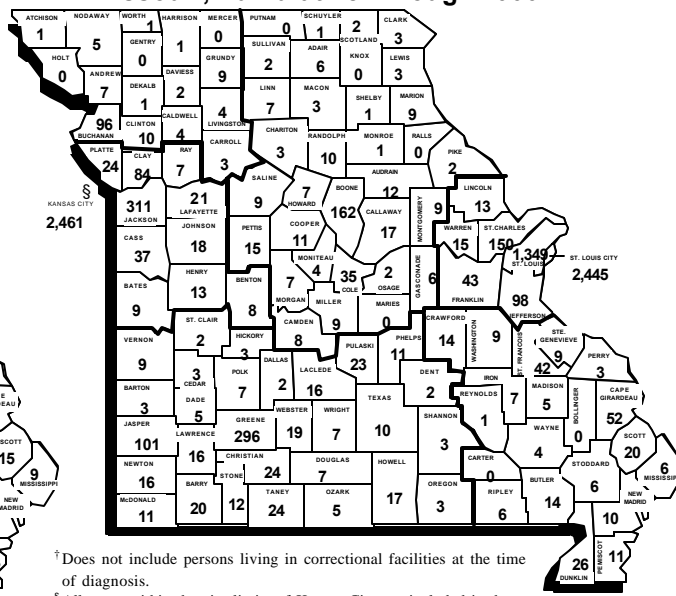
**Reported HIV Cases by County
of Residence at Time of Diagnosis[†]
Missouri, Cumulative Through 2000**



[†] Does not include persons living in correctional facilities at the time of diagnosis.

[§] All cases within the city limits of Kansas City are included in the totals for Kansas City. Cases indicated in Jackson, Clay and Platte counties are outside the city limits of Kansas City.

**Reported AIDS Cases by County
of Residence at Time of Diagnosis[†]
Missouri, Cumulative Through 2000**



[†] Does not include persons living in correctional facilities at the time of diagnosis.

[§] All cases within the city limits of Kansas City are included in the totals for Kansas City. Cases indicated in Jackson, Clay and Platte counties are outside the city limits of Kansas City.

Reported HIV Cases by Race/Ethnicity and Area of Residence at Time of Diagnosis, Missouri, 2000

Geographic Area	Total		White		Black		Hispanic	
	2000Cases	Rate*	2000Cases	Rate*	2000Cases	Rate*	2000Cases	Rate*
St. Louis City [†]	99	29.6	32	21.7	65	36.9	0	0.0
St. Louis County [†]	59	5.9	10	1.3	47	28.5	0	0.0
Kansas City [†]	74	16.9	31	11.1	38	29.2	5	26.5
Outstate [†]	105	2.8	84	2.4	12	8.6	2	3.8
Missouri Correctional Facilities ^{††}	26	--	8	--	17	--	1	--
Missouri Total	363	6.6	165	3.5	179	29.3	8	8.7

* Per 100,000 population, based on 1999 population estimates.

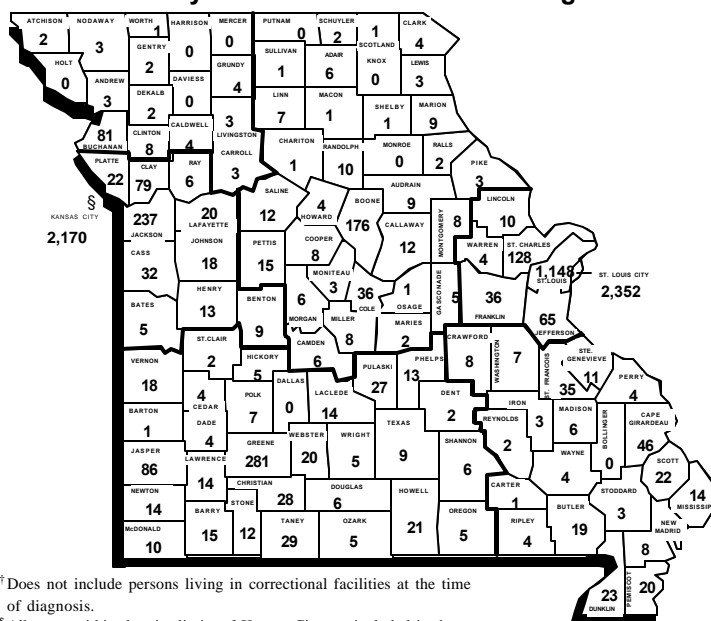
[†] Does not include persons living in correctional facilities at the time of diagnosis. These persons are included in the "Missouri Correctional Facilities" category.

^{††} Includes state, county and local correctional facilities.

**Currently Living HIV-Diagnosed Persons
(HIV and AIDS Cases) Who Were Residents
of Missouri at the Time of Diagnosis, and
Who Were Reported Through 2000,
by Gender and Race/Ethnicity**

	Living HIV- Diagnosed Persons	%
Gender		
Male	7,009	85.6%
Female	1,179	14.4%
Race/Ethnicity		
White	4,645	56.7%
Black	3,274	40.0%
Hispanic	181	2.2%
Asian/Pacific Islander	22	0.3%
American Indian	28	0.3%
Unknown	38	0.5%
Race/Ethnicity and Gender		
White Male	4,189	51.2%
Black Male	2,583	31.6%
Hispanic Male	162	2.0%
Asian/Pacific Islander Male	15	0.2%
American Indian Male	27	0.3%
Unknown Male	33	0.4%
White Female	456	5.6%
Black Female	691	8.4%
Hispanic Female	19	0.2%
Asian/Pacific Islander Female	7	0.1%
American Indian Female	1	0.0%
Unknown Female	5	0.1%
Total Living HIV-Diagnosed Persons	8,188	100.0%

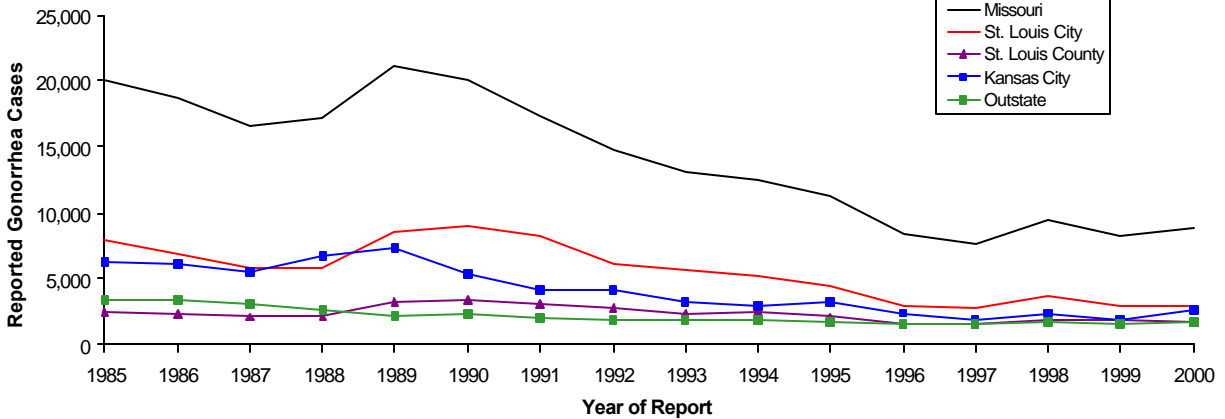
**Currently Living HIV-Diagnosed Persons (HIV and
AIDS Cases), Reported Through 2000, by Missouri
County of Residence[†] at Time of Diagnosis**



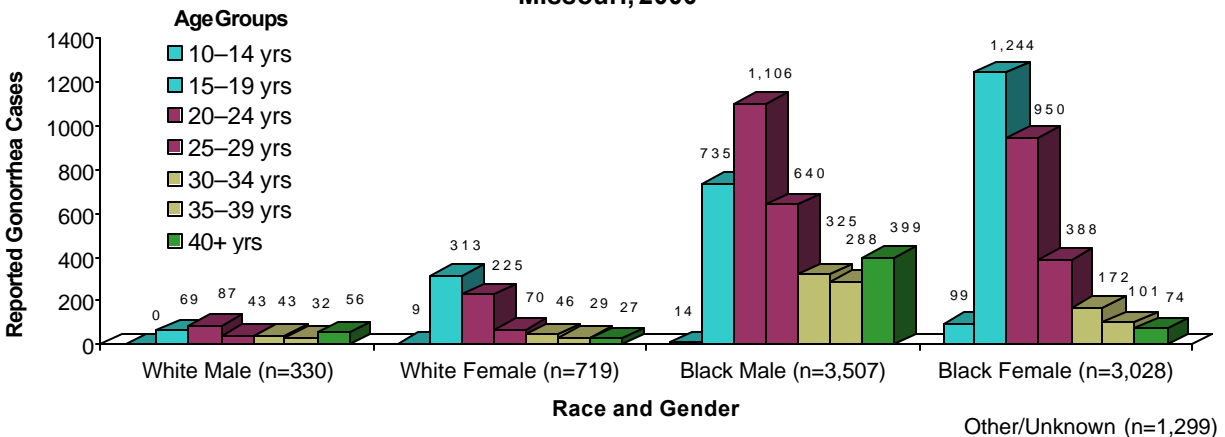
[†] Does not include persons living in correctional facilities at the time of diagnosis.

[§] All cases within the city limits of Kansas City are included in the totals for Kansas City. Cases indicated in Jackson, Clay and Platte counties are outside the city limits of Kansas City.

**Reported Gonorrhea Cases by Geographic Area and Year of Report
Missouri, 1985-2000**



**Reported Gonorrhea Cases by Race, Gender and Age Group
Missouri, 2000**

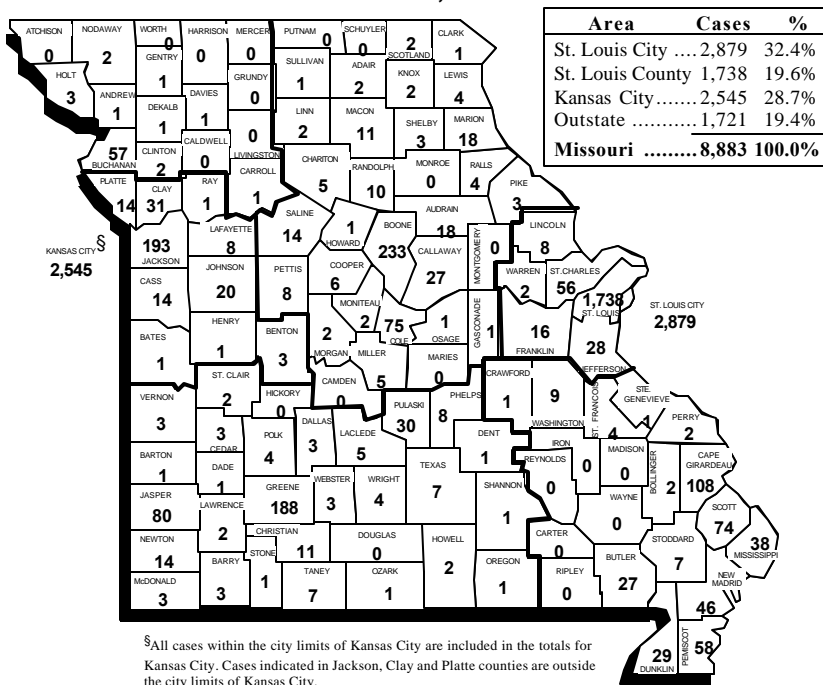


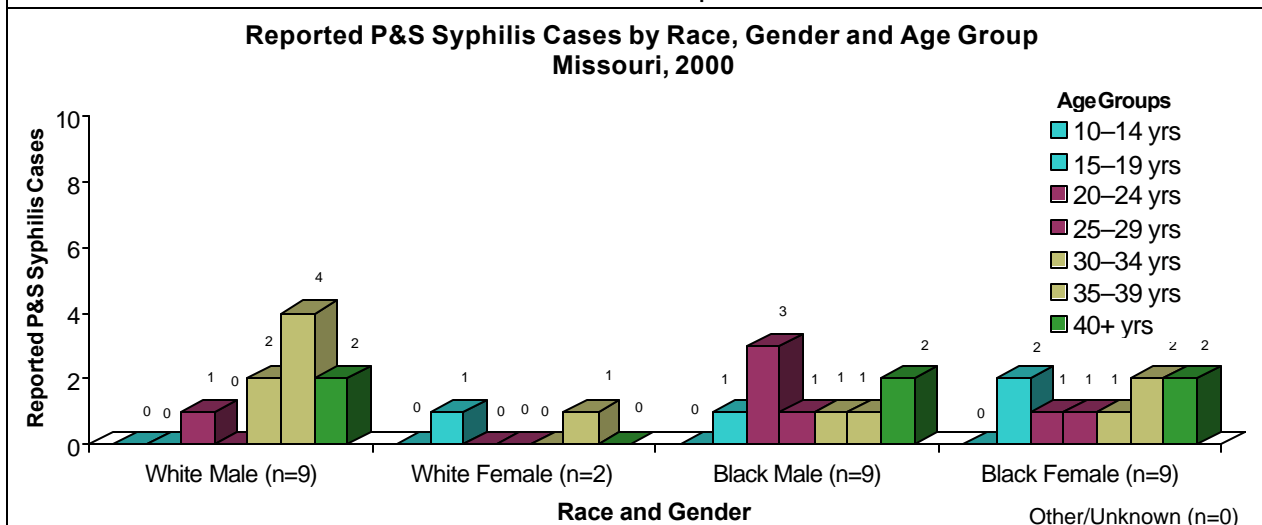
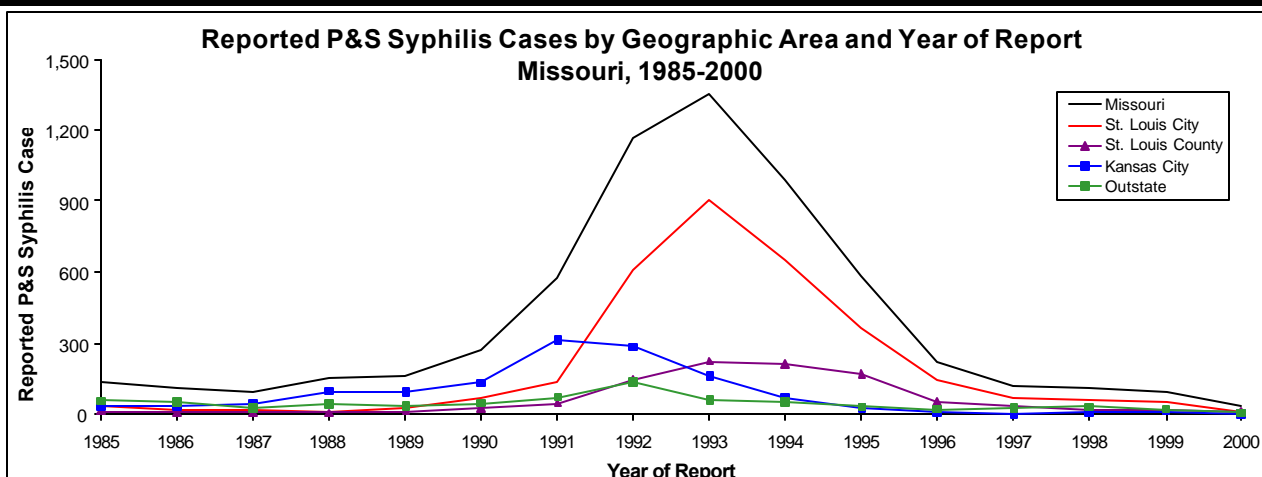
**Reported Gonorrhea Cases
and Rates by Geographic Area,
Missouri, 2000**

	Cases	%	Rate*
Missouri			
Whites	1,055	11.9%	22.5
Blacks	6,562	73.9%	1,074.0
Other/Unknown	1,266	14.3%	--
Total Cases	8,883	100.0%	162.4
St. Louis City			
Whites	81	2.8%	55.0
Blacks	2,462	85.5%	1,396.8
Other/Unknown	336	11.7%	--
Total Cases	2,879	100.0%	862.1
St. Louis County			
Whites	93	5.4%	11.7
Blacks	1,224	70.4%	742.8
Other/Unknown	421	24.2%	--
Total Cases	1,738	100.0%	174.5
Kansas City			
Whites	238	9.4%	85.2
Blacks	2,139	84.0%	1,643.0
Other/Unknown	168	6.6%	--
Total Cases	2,545	100.0%	581.4
Outstate			
Whites	643	37.4%	18.6
Blacks	737	42.8%	527.3
Other/Unknown	341	19.8%	--
Total Cases	1,721	100.0%	46.5

*Per 100,000 population

**Reported Gonorrhea Cases by County
Missouri, 2000**

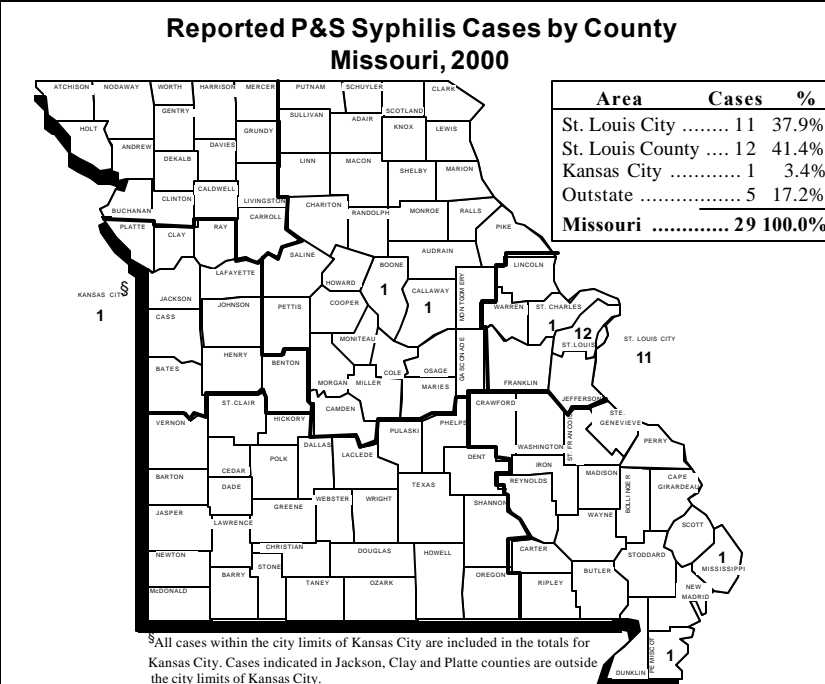




Reported P&S Syphilis Cases and Rates by Geographic Area, Missouri, 2000

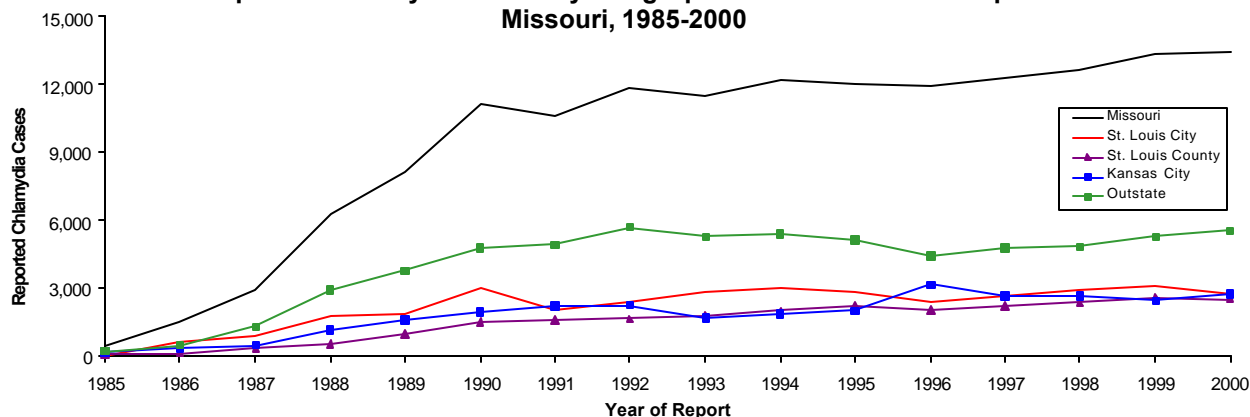
	Cases	%	Rate*
Missouri			
Whites	11	37.9%	0.2
Blacks	18	62.1%	2.9
Other/Unknown	0	0.0%	--
Total Cases	29	100.0%	0.5
St. Louis City			
Whites	3	27.3%	2.0
Blacks	8	72.7%	4.5
Other/Unknown	0	0.0%	--
Total Cases	11	100.0%	3.3
St. Louis County			
Whites	2	16.7%	0.3
Blacks	10	83.3%	6.1
Other/Unknown	0	0.0%	--
Total Cases	12	100.0%	1.2
Kansas City			
Whites	1	100.0%	0.4
Blacks	0	0.0%	0.0
Other/Unknown	0	0.0%	--
Total Cases	1	100.0%	0.2
Outstate			
Whites	5	100.0%	0.1
Blacks	0	0.0%	0.0
Other/Unknown	0	0.0%	--
Total Cases	5	100.0%	0.1

*Per 100,000 population

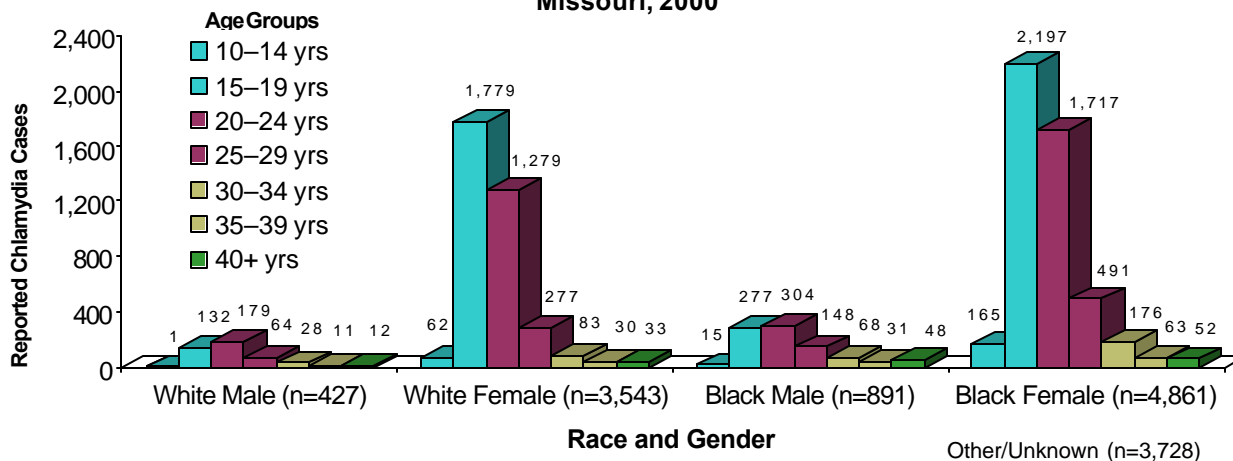


Congenital Syphilis: 5 Congenital Syphilis cases were reported in 2000
 4 (80.0%) African American 2 (40.0%) St. Louis City 1 (20.0%) Jackson County
 1 (20.0%) Other 2 (40.0%) Kansas City

**Reported Chlamydia Cases by Geographic Area and Year of Report
Missouri, 1985-2000**



**Reported Chlamydia Cases by Race, Gender and Age Group
Missouri, 2000**

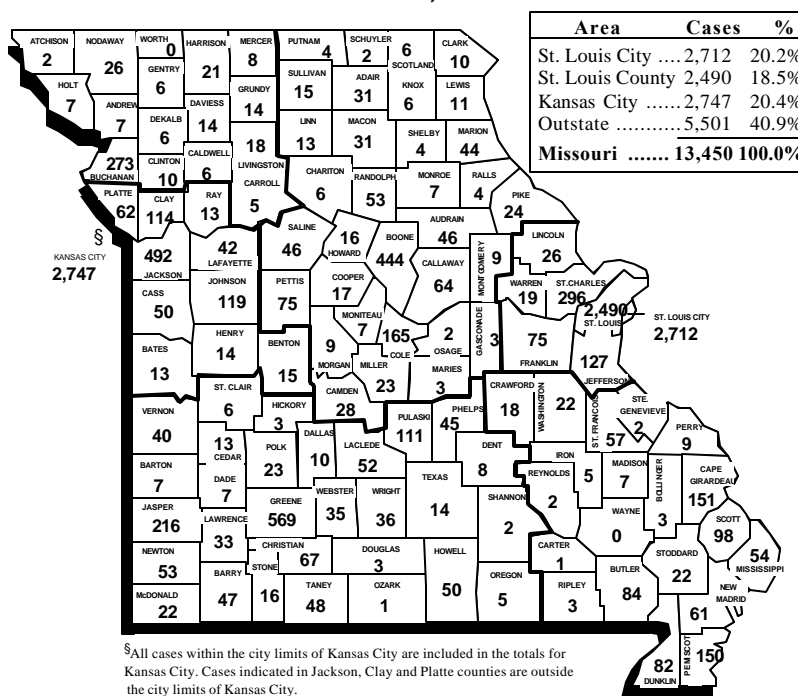


**Reported Chlamydia Cases
and Rates by Geographic Area,
Missouri, 2000**

	Cases	%	Rate*
Missouri			
Whites	3,992	29.7%	85.1
Blacks	5,792	43.1%	948.0
Other/Unknown ...	3,666	27.3%	--
Total Cases	13,450	100.0%	246.0
St. Louis City			
Whites	122	4.5%	82.9
Blacks	1,986	73.2%	1,126.7
Other/Unknown	604	22.3%	--
Total Cases	2,712	100.0%	812.1
St. Louis County			
Whites	313	12.6%	39.3
Blacks	1,343	53.9%	815.0
Other/Unknown	834	33.5%	--
Total Cases	2,490	100.0%	250.0
Kansas City			
Whites	361	13.1%	129.2
Blacks	1,543	56.2%	1,185.2
Other/Unknown	843	33.5%	--
Total Cases	2,747	100.0%	627.5
Outstate			
Whites	3,196	58.1%	92.2
Blacks	920	16.7%	658.2
Other/Unknown ...	1,385	25.2%	--
Total Cases	5,501	100.0%	148.7

*Per 100,000 population

**Reported Chlamydia Cases by County
Missouri, 2000**



§All cases within the city limits of Kansas City are included in the totals for Kansas City. Cases indicated in Jackson, Clay and Platte counties are outside the city limits of Kansas City.